

**TECH CENTER 1600/2900** 

1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/905,114A

DATE: 03/25/2003 TIME: 12:54:15

ENTERED

Input Set : A:\210707US.txt

Output Set: N:\CRF4\03252003\I905114A.raw

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3 <110> APPLICANT: ZHANG, HUANMIN
```

4 AX, ROY L

5 BELLIN, MARY E

7 <120> TITLE OF INVENTION: ISOLATED POLYNUCLEOTIDE SEQUENCES ENCODING A FERTILITY ASSOCIATED ANTIGEN

9 <130> FILE REFERENCE: 210707US20

- 11 <140> CURRENT APPLICATION NUMBER: 09/905,114A
- 12 <141> CURRENT FILING DATE: 2001-07-16
- 14 <150> PRIOR APPLICATION NUMBER: US 60/218,140
- 15 <151> PRIOR FILING DATE: 2000-07-14
- 17 <160> NUMBER OF SEQ ID NOS: 10
- 19 <170> SOFTWARE: PatentIn version 3.1
- 21 <210> SEQ ID NO: 1
- 22 <211> LENGTH: 592
- 23 <212> TYPE: DNA
- 24 <213> ORGANISM: Bos sp.
- 26 <220> FEATURE:
- 27 <221> NAME/KEY: CDS
- 28 <222> LOCATION: (1)..(591)
- 29 <223> OTHER INFORMATION:

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73 Tyr Asp Arg Ile Val Leu Arg Gly Gln Asn Ile Val Asn Ser Gly Gly 74		F00
74		528
76 cct caa tca aac ctc gtc ttt gat ttc cag aaa gct tac agg ttg tct 77 Pro Gln Ser Asn Leu Val Phe Asp Phe Gln Lys Ala Tyr Arg Leu Ser 8		
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129 145		
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     147 <213> ORGANISM: Bos sp.
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     154 ttctctataa agaaaagcta gtgtctgtaa aacaaagcta cctctaccac gactatcagg
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     156 ctggagacgc agatgtgttt tccagggaac cctttgtggt ctggttccag tcaccctaca
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     158 ccgctgtcaa ggacttcgtg attgtccccc tgcacaccac ccctgagaca tccgttagag
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     160 agattgatga gctggctgat gtctacacag atgtgaaacg tcgctggaat gcaqagaatt
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     162 tcattttcat gggtgacttc aatgctggct gcagctacgt ccccaaqaaq qcctqqaaqq
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     164 acateegeet gaggaeggae eecaagtteg tttggetgat eggggaecaa gaggaeacea
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     166 cggtcaagaa gagcacaaac tgcgcctatg acaggatcgt gcttagagga caaaatattg
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     168 tcaactctgg tggtcctcaa tcaaacctcg tctttgattt ccagaaagct tacaggttgt
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     170 ctgaatcgaa ggccctggat gtcagcgacc actttccagt tcatcatcat catcatcatg
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     172 aagaaccatg a
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22

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 03/25/2003 PATENT APPLICATION: US/09/905,114A

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## Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; Xaa Pos. 4

## Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 7

VERIFICATION SUMMARY

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L:31 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:29

L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0